

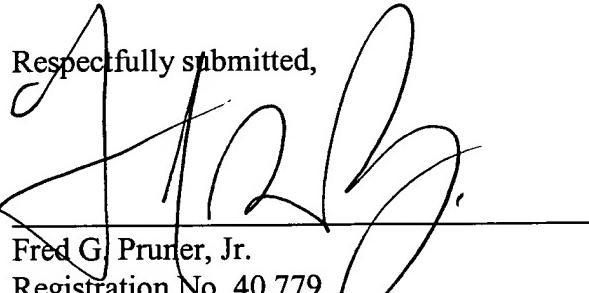
REMARKS

This Preliminary Amendment is being submitted with a Request for Continued Examination. Claims 10-16 and 26-29 were allowed in a Notice of Allowance, mailed on December 6, 2005. Newly-added independent claim 30 is directed to an apparatus that scrambles pilot tones with modulated symbols, including scrambling second pilot tones associated with a second modulated symbol to indicate a time interval in which to demodulate a first modulated symbol from the signal. For at least the reason that none of the previously-cited art teaches or suggests a processor to perform such scrambling, allowance of newly-added claim 30-33 is requested. Newly-added independent claim 34 is patentable for at least the same reasons as independent claim 26, as claim 34 includes an engine to compare results of correlations of frequency transformations with pilot codes to select one of the frequency transformations to obtain an indication of a demodulated symbol.

Newly-added claims 31-33 and 35-37 are patentable for at least reason that these claims depend from allowable claims.

The Commissioner is authorized to charge any additional fees, including extension of time fees, and/or credit any overpayment to Deposit Account No. 20-1504 (ITL.0547US).

Date: March 6, 2006

Respectfully submitted,  
  
Fred G. Pruner, Jr.  
Registration No. 40,779  
TROP, PRUNER & HU, P.C.  
8554 Katy Freeway, Suite 100  
Houston, Texas 77024  
(713) 468-8880 [Phone]  
(713) 468-8883 [Fax]  
Attorney for Intel Corporation